

## OFFICE OF THE DELAWARE RIVER MASTER, MILFORD, PA.

Web address: <http://water.usgs.gov/orh/nrwww/odrm>

Summary river data for December 13 - 19, 2004 (preliminary data-subject to revision)

## RESERVOIR OPERATION DATA

Millions of gallons - 24 hour period, local time

Date	Discharge to river						Diversions to New York City water supply			
	Pepacton		Cannonsville		Neversink		Pepacton	Cannonsville	Neversink	Average June 1, 2004 to date
	release begin 1200	spill begin 0800	release end 2400	spill begin 0800	release begin 1500		beginning 0800	beginning 0800	beginning 0800	
Dec. 13	23	1,366	29	2,019	16		0	0	324	494
14	23	1,178	29	1,805	16		0	0	386	494
15	23	884	29	1,474	16		0	0	387	493
16	23	718	29	947	16		0	0	387	493
17	23	638	29	807	16		0	0	338	492
18	23	551	29	702	16		0	0	386	491
19	23	472	29	625	18		0	0	387	491

Pepacton Reservoir (P):	Available storage Dec. 20, 2004 (0800) Spillway crest elevation 1,280.00 ft.	140.987 billion gals. 100.6 % (elev. 1,280.43 ft.) 140.190 billion gallons.
Cannonsville Reservoir (C):	Available storage Dec. 20, 2004 (0800) Spillway crest elevation 1,150.00 ft.	97.524 billion gals. 101.9 % (elev. 1,151.13 ft.) 95.706 billion gallons.
Neversink Reservoir (N):	Available storage Dec. 20, 2004 (0800) Spillway crest elevation 1,440.00 ft.	33.693 billion gals. 96.4 % (elev. 1,437.45 ft.) 34.941 billion gallons.
Combined contents, PCN:	Available storage Dec. 20, 2004 (0800) Combined capacity at spillway level.	272.204 billion gals. 100.5 % 270.837 billion gallons.
Lake Wallenpaupack:	Available storage Dec. 19, 2004 (2400) Spillway crest elevation 1,190.00 ft.	25.402 billion gals. 71.7 % (elev. 1,184.6 ft.) 35.451 billion gallons.

SEGREGATION OF FLOW, DELAWARE RIVER AT MONTAGUE AND  
PRECIPITATION IN UPPER DELAWARE RIVER BASIN

Discharge in cubic feet per second, local time as routed to Montague

Date	Releases from N.Y.C. Reservoirs					Power releases		Computed uncon- trolled <sup>2</sup>	Total Discharge	Excess Release Credits <sup>3</sup>		Precipitation	
	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir	Total			Daily   Cumul.	Daily	Cumul.	
Dec. 13	0	36	46	25	1,035	674	17,184	19,000	0	5,209	.03	2.50	
14	0	36	46	25	1,102	670	14,321	16,200	0	5,209	.07	2.57	
15	0	36	45	25	1,081	770	11,643	13,600	0	5,209	0	2.57	
16	0	36	45	25	1,118	1,167	9,609	12,000	0	5,209	0	2.57	
17	0	36	45	25	1,266	1,089	8,339	10,800	0	5,209	.01	2.58	
18	0	36	45	25	757	794	7,593	9,250	0	5,209	0	2.58	
19	0	36	45	25	677	426	7,251	8,460	0	5,209	0	2.58	

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	Directed release <sup>1</sup>	Pepacton	Cannons- ville	Never- sink	Wallen- paupack	Rio Reservoir			(inches)	Daily   Cumul.	Daily

1. Release directed to maintain a flow at Montague of 1,820 cfs.

2. Includes conservation release of 100 cfs from Rio Reservoir and spills from Pepacton and Cannonsville Reservoirs.

3. The excess-release quantity for the seasonal period beginning June 15, 2004 is 13,556 cfs-days. Under normal conditions, 7,856 cfs-days are to be released and 5,700 cfs-days are to be used for a habitat bank per DRBC Docket No. D-77-20 CP, Revision 7.

Diversions by New Jersey through the Delaware & Raritan Canal December 13 - 19, 2004 averaged 80.4 mgd. The average diversion for the 30-day period ending December 19, 2004 was 78.9 mgd and the maximum diversion during the period was 88 mg on November 24, 2004.